

B. CIP Tag Sets

This appendix forms an integral part of the CIP specification.

Table B-1 contains the definitions of the *elements* contained in the CIP *tag set*. Each *element* is assigned a *tag value* within the *tag type* is assigned to the particular *element*.¹

Table B-1: CIP Elements

Tag Type	Tag Value	Name	SUTRS Tag	Short Meaning	Value Syntax	Valid Source	Meaning
4	62	Abstract	abstract	Abstract	STRING	X	A brief narrative summary of the content of an item.
4	2004	AccessConstraints	accscons	Access Constraints	STRING	X	Restrictions and legal prerequisites for accessing the data. These include any access constraints applied to assure the protection of privacy or intellectual property, and any special restrictions or limitations on obtaining the data. If no constraint is imposed, the special value 'none' shall be included.
4	4000	Acquisition	acquistn	Acquisition	compound	X	Information about the acquisition of the data.
4	4001	AcquisitionStation	acqsttn	Acquisition Station	ENUM	O	Identifier of the station, which will or has received the data.
4	4002	AcquisitionStatus	acqstat	Acquisition Status	ENUM	O	Status of the acquisition, e.g. 'acquired', 'planned', etc.
4	3006	Address	address	Address	compound	X	Address information.
4	4003	AlgorithmPackageName	algpcknm	Algorithm Package Name	STRING	X	Name given to the complete delivered package.
4	3468	AltitudeDatumName	altdatum	Altitude Datum Name	REAL	X	The identification given to the level surface taken as the surface of reference from which altitudes are measured.
4	3469	AltitudeResolution	altres	Altitude Resolution	REAL	X	The minimum distance possible between two adjacent altitude values, expressed in meters.
4	3467	AltitudeSystem	altsys	Altitude System	compound	X	The reference frame or system from which altitudes (elevations) are measured.
4	4004	ArchivingCentreId	arcentid	Archiving Centre Identifier	ENUM	O	Unique code for the agency/data centre holding the data. Several copies of a single pass can exist and each archive will be listed as a possible source of that pass.

¹ The DEDSL Value Syntaxes indicated in the table are matched to ASN.1 data types as follows: **STRING** = **InternationalString**, **TIME** = **TBC**, **INTEGER** = **INTEGER** and **REAL** = **IntUnit**. When applicable, the format of the ASN.1 InternationalString type shall be formatted according to the appropriate ISO standard^{[DEDSL][TIME]}.

Tag Type	Tag Value	Name	SUTRS Tag	Short Meaning	Value Syntax	Valid Source	Meaning
4	4005	AttributeSetId	attsetid	Attribute Set Identifier	STRING	X	Identification of an attribute set in which local attributes are defined.
4	4006	Authoritative	authtv	Authoritative	STRING	X	Item descriptor identifier of the authoritative collection or product.
4	4007	Band	band	Band	compound	X	Information related to a band.
4	4008	BandId	bandid	Band Identifier	INTEGER	X	Identifier of a band.
4	4009	BandMode	bandmode	Band Mode	ENUM	O	Set of flags describing the status of activity of each band (active or not active).
4	2060	BoundingBoxRectangle	bounding	Bounding Rectangle	compound	X	The limits of coverage of a item descriptor expressed by latitude and longitude values in the order western-most, eastern-most, northern-most, and southern-most. For item descriptors that include a complete band of latitude around the earth, the West Bounding Coordinate shall be assigned the value -180.0, and the East Bounding Coordinate shall be assigned the value 180.0.
4	3137	Browse	browse	Browse Information	compound	X	A graphic that provides an illustration of the item descriptor.
4	4010	BrowseCompression	brscprs	Browse Compression	ENUM	O	Description of the method used for compression of the browse data.
4	4011	BrowseData	browsdat	BrowseData	compound	X	The browse itself or a reference where the browse can be retrieved.
4	4012	BrowseDeliveryOptions	brsdelop	Browse Delivery Options	compound	X	Description of the options in which browse data can be delivered on-line, e.g. the format and the size of the browse data.
4	3140	BrowseFormat	brsformt	Browse Format	ENUM	O	Format of the browse data, e.g. GIF.
4	4013	BrowseId	browseid	Browse Identifier	STRING	X	Identifier of a browse.
4	4014	BrowseRetrievalOptions	brsretop	Browse Retrieval Options	compound	X	Description of the browse retrieval options available for users dependent on the user group they belong to.
4	4015	BrowseServiceOptions	brservop	Browse Service Options	compound	X	A listing of all the service options available for the browse data..
4	4016	CatalogueId	catlogid	Catalogue Identifier	STRING	X	Identifier of the catalogue system from which the product descriptors included in the provider archive collection originate.
4	4017	Circle	circle	Circle	compound	X	Circle on the surface of the Earth.
4	2026	City	city	City	STRING	X	The city of the address.
4	4018	CollectionCategory	colcat	Collection Category	ENUM	O	Category of a collection.
4	4019	CollectionDescriptor	coldesc	Collection Descriptor	compound	X	Information about a collection.
4	4020	CollectionHierarchyCategory	colhicat	Collection Hierarchy Category	ENUM	O	Category of the hierarchy.
4	4021	CollectionHierarchyPosition	colhipos	Collection Hierarchy Position	ENUM	O	Position of the collection in the collection hierarchy, i.e. 'terminal' or 'non-terminal'.

Tag Type	Tag Value	Name	SUTRS Tag	Short Meaning	Value Syntax	Valid Source	Meaning
4	4022	CollectionType	coltype	Collection Type	compound	X	Type of a collection.
4	3000	Contact	contact	Contact Information	compound	X	Contact details.
4	2029	Country	country	Country	ENUM	O	The country of the address.
4	4023	CreationDate	create	Creation Date	TIME	X	Date at which the data was created.
4	4024	DataCentre	datcent	DataCentre	compound	X	Information regarding the data centre which distributes the data.
4	4025	DataCentreName	datcenam	Data Centre Name	ENUM	O	The data centre name is composed of both short and long versions in the same manner as short and long sensor and data source names.
4	4026	DataOriginator	datorign	Data Originator	compound	X	Information about the originator of the data.
4	4027	DeliveredAlgorithmPackage	delvalgp	Delivered Algorithm Package	compound	X	A software package associated to a specific product collection, e.g. to be used to manipulate the data products of this particular collection.
4	3473	DepthDatumName	depthdn	Depth Datum Name	REAL	X	The identification given to surface of reference from which depths are measured.
4	3474	DepthResolution	depthres	Depth Resolution	REAL	X	The minimum distance possible between two adjacent depth values, expressed in meters.
4	3472	DepthSystem	depthsys	Depth System	compound	X	Information describing the depth system used.
4	4028	DocumentPointer	docpoint	Document Pointer	STRING	X	Provides a pointer to a document which provides information relating to the data. The pointer may be a reference number or URL.
4	2039	EastBoundingCoordinate	eastbc	East Bounding Coordinate	REAL	X	Easternmost longitude covered.
4	4029	ElevationMaximum	elevmax	Elevation Maximum	REAL	X	Highest elevation contained in the data (in meters).
4	4030	ElevationMinimum	elevmin	Elevation Minimum	REAL	X	Lowest elevation contained in the data (in meters).
4	2030	EmailAddress	emailadr	E-mail Address	STRING	X	The address of the electronic mailbox of the organisation or individual.
4	2073	EndDate	enddate	End Date	TIME	X	Latest date of the temporal coverage.
4	3101	ExternalPublicationCitation	extcitan	Citation for External Publication	STRING	X	The recommended reference to be used when referring to this collection in publications. Its format is free text, but should include: Originator (the name of an organisation or individual that developed the collection, where Editor(s)' names are followed by (ed.) and Compiler(s)' names are followed by (comp.)); Publication date (the date of publication or release of the collection); and Title.
4	2033	FaxNumber	faxnum	Fax Number	STRING	X	The telephone number of a facsimile machine of the organisation or individual.
4	4031	Frame	frame	Frame	INTEGER	X	Frame number.
4	3703	FutureReviewDate	futurevdt	Future Review Date	TIME	X	This date, suggested by the author, indicates a time at which the collection should be reviewed for technical content.

Tag Type	Value	Name	SUTRS Tag	Short Meaning	Value Syntax	Valid Source	Meaning
4	2058	GeneralKeyword	genkeywd	General Keyword	STRING	X	This element provides the capability of entering general keywords that are not found in the theme, temporal or spatial keywords. It could be used, for example, to specify fine resolution location words or more specific discipline-dependent words or phenomena. For example, 'Lightening'. In comparison to the other keywords, the general keywords are uncontrolled.
4	3402	GeographicSystem	geosystem	Geographic System	compound	X	The quantities of latitude and longitude which define the position of a point on the Earth's surface with respect to a reference spheroid.
4	3805	GeospatialForm	geoform	Geospatial Form	ENUM	O	A characterisation of the type of product, e.g. satellite image or map.
4	3116	GPolygon	gpolygon	G Polygon	compound	X	Coordinates defining the outline of the area covered by the data.
4	3120	GPolygonExclusionGRing	gpolexrg	G Polygon Exclusion G Ring	compound	X	The closed non-intersecting boundary of a void area (or 'hole') in an interior area.
4	3117	GPolygonOuterGRing	gpolourg	G Polygon Outer G Ring	compound	X	The closed non-intersecting boundary of the interior area of the data spatial coverage.
4	3432	GridCoordinateSystem	gridsys	Grid Coordinate System	compound	X	A plane-rectangular coordinate system usually based on, and mathematically adjusted to, a map projection so that geographic positions can be readily transformed to and from plane coordinates.
4	4032	GridCoordinateSystemDescription	gridcsds	Grid Coordinate System Description	STRING	X	A textual description of the grid coordinate system used. It describes important parameters, such as zone numbers or identifiers. The use of a "Parameter = Value" syntax for describing the parameters and their associated values is advised.
4	3433	GridCoordinateSystemName	gridsysn	Grid Coordinate System Name	ENUM	O	Name of the grid coordinate system. A controlled list of grid coordinate system names is supported for the CIP.
4	4033	GroupId	groupid	Group Identifier	ENUM	O	Identification of the user groups having access to specific options, e.g. for product order options may differ for each user group.
4	3401	HorizontalCoordinateSystem	horizsys	Horizontal Coordinate System	compound	X	The reference frame or system from which linear or angular quantities are measured and assigned to the position that a point occupies.
4	2013	HoursOfService	hours	Hours of Service	STRING	X	Identifies the hours of service of an organisation serving as the point of contact.
4	4034	IncludedItemDescriptors	inclitds	Included Item Descriptors	compound	X	Item Descriptors (either collection descriptors or product descriptors only) that are included as members of a collection..
4	4035	IncludedProductDescriptors	inclprds	Included Product Descriptors	compound	X	Product descriptors that are included as members of a collection.
4	4036	IncludedRegCollectionDescriptors	inclrcds	Included Registered Collection Descriptors	compound	X	Registered collection descriptors that are included as members of a collection.

Tag Type	Value	Name	SUTRS Tag	Short Meaning	Value Syntax	Valid Source	Meaning
4	4037	IncludedUnregCollectionDescriptors	includcs	Included Unregistered Collection Descriptors	compound	X	Unregistered collection descriptors that are included as members of a collection.
4	3018	Instructions	instrcts	Instructions	STRING	X	Supplemental instructions on how or when to contact the individual or organisation.
4	4038	Instrument	instrmnt	Instrument	compound	X	An instrument includes as sub-components sensor(s). In cases where the instrument has a single sensor or the instrument and the sensor are synonymous then both instrument and sensor elements are populated. Sensors cannot exist without instruments.
4	4039	InstrumentId	instrmid	Instrument Identifier	ENUM	O	A short identifier (acronym) for the instrument.
4	4040	InstrumentName	instrnmn	Instrument Name	ENUM	O	A text string (i.e. not an acronym) defining the instrument.
4	4041	ItemData	itemdata	Item Data	EXTERNAL	X	Actual data , i.e. a byte stream of binary data of which an item is composed.
4	4042	ItemDeliveryMethod	itdelmtd	Item Delivery Method	ENUM	O	The method by which an item is delivered.
4	12	ItemDescriptorId	itemid	Item Descriptor Identifier	STRING	X	Unique identifier used by the data system or data producer to distinguish a collection or product from all others owned by a single Retrieval Manager. This identifier is also used to refer to the members of a collection, which might be collection or product descriptors.
4	4043	ItemDescriptorLanguage	itdslang	Item Descriptor Language	ENUM	O	The language in which the item descriptor is defined.
4	4044	ItemDescriptorLongName	itemlnam	Item Descriptor LongName	STRING	X	Long name of an item descriptor. This is the reference name used in describing the scientific contents of the data collection, not the identifier of the data collection.
4	4	ItemDescriptorName	itemname	Item Descriptor Name	STRING	X	Short name of an item descriptor. This element is meant as a human-readable form of the ItemDescriptorId. ²
4	4045	ItemLanguage	itemlang	Item Language	ENUM	O	The language in which any textual information within the deliverable item is defined.
4	3614	ItemSize	itemsiz	Item Size	REAL	X	Size of an item in megabytes.
4	3005	JobPosition	jobpos	Job Position	STRING	X	The name of the position that the person holds within the organisation.
4	3121	Keywords	keywords	Keywords	compound	X	Keywords related to the collection.
4	3118	Latitude	latitude	Latitude	REAL	X	The latitude of a point.

² At the moment, the 'ItemDescriptorName' *element* is only used to provide a short name for collections. However, it is anticipated that other ItemDescriptor types may also require a name, and therefore this *element* has been defined in a generic manner.

Tag Type	Tag Value	Name	SUTRS Tag	Short Meaning	Value Syntax	Valid Source	Meaning
4	3403	LatitudeResolution	latres	Latitude Resolution	STRING	X	The minimum difference between two adjacent latitude values in km.
4	4046	LocalAttribute	localatt	Local Attribute	compound	X	The complete definition for a local attribute.
4	4047	LocalAttributeId	locattid	Local Attribute Identifier	INTEGER	X	Uniquely identifies a local attribute within the local attribute set in which the local attribute is defined.
4	4048	LocalAttributeMeaning	locattmn	Local Attribute Meaning	STRING	X	Meaning of a local attribute.
4	4049	LocalAttributeName	locattnm	Local Attribute Name	STRING	X	Name of a local attribute.
4	4050	LocalAttributeShortMeaning	locasmn	Local Attribute Short Meaning	STRING	X	Short meaning of a local attribute.
4	4051	LocalAttributeStructure	locatstr	Local Attribute Structure	compound	X	Identifies the type of a local attribute (i.e. the Structure attribute) which must be used in queries regarding the local attribute.
4	4052	LocalAttributeValueSyntax	locatvsx	Local Attribute Value Syntax	ENUM	O	Value syntax (i.e. type) of a local attribute.
4	4053	Locality	locality	Locality	compound	X	Locality information.
4	4054	LocalityDescription	localdes	Locality Description	STRING	X	Rationale behind the inclusion of a locality definition. This includes the area of EO research that requires such a definition, a description of what the locality represents in general terms, and a brief description or reference to a description of the method used as the source of the definition.
4	4055	LocalityType	localtyp	Locality Type	STRING	X	Type of entity for which the space/time extent is being defined. Most other spatial and temporal domain will be used to define coverage of data collection or product descriptors; or to define the varying spatial extent over time, of some geophysical event/phenomenon (i.e. the Midwest Flood of 93) or of certain seasons in different parts of the world (i.e. monsoon season).
4	4056	LocalProductUseAttributes	locpruse	Local Product Use Attributes	compound	X	Contains the list of all the Use attributes defined for a collection and which can be used in order to search the products included in the collection.
4	4057	LocalSchemaElements	locselem	Local Schema Elements	compound	X	Contains the list of all the local schema elements defined for a product.
4	4058	LocalUseAttributesFlag	locusefl	Local Use Attributes Flag	ENUM	O	Flag indicating whether: a collection has no local attributes (value = 0) a collection has local attributes defined within the collection descriptor (value = 1) a collection has local attributes defined in the Explain database (value = 2)
4	3119	Longitude	longitud	Longitude	REAL	X	The longitude of a point.
4	3404	LongitudeResolution	longres	Longitude Resolution	STRING	X	The minimum difference between two adjacent longitude values in km.

Tag Type	Value	Name	SUTRS Tag	Short Meaning	Value Syntax	Valid Source	Meaning
4	3407	MapProjection	mapproj	Map Projection	compound	X	The systematic representation of all or part of the surface of the Earth on a plane or developable surface.
4	4059	MapProjectionDescription	mapprojd	Map Projection Description	STRING	X	A textual description of map projection used. It describes important parameters, such False Easting or False Northing. The use of a "Parameter = Value" syntax for describing the parameters and their associated values is advised.
4	3408	MapProjectionName	mapprojn	Map Projection Name	ENUM	O	Name of the map projection..
4	4060	MissionId	misionid	Mission and Satellite Identification	ENUM	O	Unique code for the satellite/mission.
4	3618	NetworkAddress	networka	Network Address	STRING	X	The network address to send files to electronically. For Internet addresses, the address is written in URL format to allow directories as well as domain's to be specified.
4	2040	NorthBoundingCoordinate	northbc	North Bounding Coordinate	REAL	X	Northernmost longitude point covered.
4	4061	OrderingCentreId	ordcenid	Ordering Centre Identifier	STRING	X	Unique code for the local ordering handler from which the data can be ordered.
4	2024	OrganisationName	orgname	Organisation Name	STRING	X	The name of the organisation to which the contact apply.
4	4062	Originator	origin	Originator	STRING	X	The name of an organisation or individual that developed the data.
4	4063	PassType	passtype	Pass Type	ENUM	O	Type of a satellite pass, i.e. 'ascending' of 'descending'.
4	4064	Password	password	Password	STRING	X	The password of a user.
4	4065	PeriodCycle	prdcycle	Period Cycle	REAL	X	The cycle of the period.
4	4066	PeriodCycleUnit	prcyunit	Period Cycle Unit	ENUM	O	The unit specification of the cycle of the period, e.g. year, millisecond.
4	4067	PeriodDuration	duration	Period Duration	REAL	X	The duration of the period.
4	4068	PeriodDurationUnit	prdrunit	Period Duration Unit	ENUM	O	The unit specification of the duration of the period, e.g. year, millisecond.
4	4069	PeriodName	periodnm	Period Name	STRING	X	The name given to a recurring time period, e.g. "Spring - Northern hemisphere".
4	2023	PersonName	persname	Person Name	STRING	X	Name of a person. The last name should be given first, followed by the first name and, if applicable, the middle name.
4	3406	PlanarSystem	plansys	Planar System	compound	X	The quantities of distances, or distances and angles, which define the position of a point on a reference plane to which the surface of the Earth has been projected.

Tag Type	Tag Value	Name	SUTRS Tag	Short Meaning	Value Syntax	Valid Source	Meaning
4	4070	Platform	platform	Platform	compound	X	Support which carries the instrument(s)/sensor(s). A platform can be a spacecraft, a ground station or an aircraft.
4	4071	Point	point	Point	compound	X	Coordinates of a point on the surface of the Earth.
4	2028	PostalCode	postal	Postal Code	STRING	X	The post code of the address.
4	4072	Processing	process	Processing	compound	X	Information related to the processing of the data, such as the processing centre and the processing level.
4	4073	ProcessingCentre	proccent	Processing Centre	ENUM	O	Contains the short name of the data centre that has generated the data.
4	4074	ProcessingLevel	proclev	Processing Level	compound	X	Processing level information.
4	4075	ProcessingLevelDescription	proclevd	Processing Level Description	STRING	X	Set of characteristics that can be combined to define a new science processing level.
4	4076	ProcessingLevelId	proclvid	Processing Level Identifier in the Archive	ENUM	O	This parameter identifies the processing level of the data in the archive.
4	4077	ProcessingType	proctype	Processing Type	ENUM	O	Type of processing, e.g. 'colour image product', 'GTC with DTM information'.
4	4078	ProductCollectionSpecific	prcolspf	Product Collection Specific	compound	X	Collection descriptor information specific to a collection of product descriptors (i.e. a collection for which ColectionHierarchyCategory is 'product').
4	3613	ProductCompression	prdcmps	Product Compression	ENUM	O	Compression algorithm that can be applied when the data product is delivered.
4	4079	ProductDeliveryOptions	prodelop	Product Delivery Options	compound	X	Information about the delivery options available for a data product, such as formats, media.
4	4080	ProductDescriptor	proddesc	Product Descriptor	compound	X	Information about a product.
4	3608	ProductFormat	prodform	Product Format	ENUM	O	Format in which the data product is available, e.g. 'CEOS Superstructure', 'HDF', 'SDTS'.
4	3632	ProductMedium	prodmedm	Product Medium	ENUM	O	Medium on which the product is available, e.g. 'CD-ROM', 'Exabyte'.
4	4081	ProductOrderOptions	prdordop	Product Order Options	compound	X	Information about the different processing and/or order options available for product order.
4	4082	ProductProcessingOption	prdprsop	Product Processing Option	STRING	X	Instance of a processing option available for product order, such as the selection of single bands of a sensor. Note that the processing option is provided as free text and that therefore additional information may be necessary to interpret it (e.g. via a related pointer to a guide document).
4	4083	ProductProcessingOptions	prod pops	Product Processing Options	compound	X	Processing options available for product order, such as the selection of single bands of a sensor.
4	4084	ProductServiceOptions	prodsops	Product Service Options	compound	X	The different service options available for a data product, such a different order options.

Tag Type	Tag Value	Name	SUTRS Tag	Short Meaning	Value Syntax	Valid Source	Meaning
4	3108	Progress	progress	Progress	STRING	X	The state of the collection (i.e. 'completed', 'in work', 'planned').
4	4085	ProjectName	projname	Campaign or Project Name	ENUM	O	This element should be supplied when there is a relationship of the collection to a campaign or project (e.g. WOCE, FIRE, PROMIS, etc.). Campaigns or projects usually encompass data from a number of diverse data sources. The element includes both short and long names.
4	2003	Purpose	purpose	Purpose	STRING	X	Summary of the intentions for which the data was developed.
4	4086	QACollectionStatistics	qacstats	QA Collection Statistics	compound	X	Statistics for quality assurance of collection.
4	3234	QAPercentCloudCover	qapcldev	QA Cloud Cover Percentage	INTEGER	X	Area obstructed by clouds, expressed as a percentage of the spatial coverage of the data.
4	4087	QAPercentInterpolatedData	qapintdt	QA Interpolated Data Percentage	INTEGER	X	Percentage of interpolated data in a product.
4	4088	QAPercentMissingData	qapmisdt	QA Missing Data Percentage	INTEGER	X	Percentage of missing data in a product.
4	4089	QAPercentOutOfBoundsData	qapoutdt	QA Out of Bounds Data Percentage	INTEGER	X	Percentage of out of bounds data in a product.
4	4090	QAProductStatistics	qaprstat	Quality Assurance Product Statistics	compound	X	Statistics for the quality assurance of products.
4	4091	QAQualityExplanation	qaqualex	QA Quality Explanation	STRING	X	Auxiliary information explaining the meaning of the quality flag elements.
4	4092	QARating	qarate	QA Rating	INTEGER	X	Rating of the quality of an item descriptor on a 0-100 scale. Note that agencies will need to convert their own ratings if they use another scale.
4	4093	RadiusValue	radius	Radius Value	REAL	X	The radius of a circle expressed in km.
4	4094	RelatedCollectionDescriptors	relcldes	Related Collection Descriptor	compound	X	Collection descriptors which are related in some way to the current item descriptor.
4	4095	RelatedGuidePointer	guidepnt	Related Guide Pointer	compound	X	Guide pointer which is related in some way to the current item descriptor.
4	4096	RelatedGuidePointers	relgpnts	Related Guide Pointers	compound	X	Guide pointers which are related in some way to the current item descriptor.
4	4097	RelatedItemDescriptor	relitem	Related Item Descriptor	compound	X	Item descriptor which is related in some way to the current item descriptor.
4	4098	RelatedItemDescriptors	relitds	Related Item Descriptors	compound	X	Item descriptors which are related in some way to the current item descriptor.
4	4099	RelationDescription	reldescr	Relation Description	STRING	X	Description of the relation between two items.
4	4100	Reprocessing	reprocss	Reprocessing	compound	X	Description of the reprocessing which might have or will be performed on the data.
4	4101	ReprocessingActual	reprocac	Reprocessing Actual	STRING	X	States what reprocessing has been performed on a product.

Tag Type	Tag Value	Name	SUTRS Tag	Short Meaning	Value Syntax	Valid Source	Meaning
4	4102	ReprocessingPlanned	reprocpl	Reprocessing Planned	STRING	X	States what reprocessing may be performed on a product.
4	4103	Review	review	Review	compound	X	Review information.
4	4104	Revision	revision	Revision	compound	X	Revision information. Revision is different than review in that it refers to the information related to the changes of the collection, whereas review refers to the information related to the reviewing of the metadata (i.e. the revision and the review do not necessarily coincide).
4	4105	RevisionDate	revdate	Revision Date	TIME	X	Date and possibly time at which the data was created or the latest date and time of its modification or update.
4	4106	Role	role	Role	ENUM	O	The role of a person for the collection..
4	4107	Scale	scale	Scale	ENUM	O	The scaling used for the data (e.g. map).
4	4108	SceneSelectionOptions	scnselop	Scene Selection Options	STRING	X	Scene selection options contains the options with which an orderable scene may be defined.
4	4109	ScienceReview	scienrev	Science Review	compound	X	Science review information.
4	3702	ScienceReviewDate	scirevdt	Science Review Date	TIME	X	Date and time of the latest review of the collection for accuracy of scientific or technical content.
4	4110	ScienceReviewStatus	scirevst	Science Review Status	ENUM	O	Type of review which occurred on the Science Review Date.
4	4111	Sensor	sensor	Sensor	compound	X	Information related to the sensor, such as name and sensor modes. The sensor is the hardware used to acquire the data
4	4112	SensorId	sensorid	Sensor Identifier	ENUM	O	A mnemonic or otherwise abbreviated version (acronym) for the sensor.
4	4113	SensorMode	sensmode	Sensor Mode	ENUM	O	Specific mode of the sensor.
4	4114	SensorName	sensname	Sensor Name	ENUM	O	A text string (not acronym) defining the sensor name.
4	2041	SouthBoundingCoordinate	southbc	South Bounding Coordinate	REAL	X	Southernmost latitude point covered.
4	2059	SpatialCoverage	spatcovr	Spatial Coverage	compound	X	The spatial coverage element indicates (usually in very coarse resolution) the spatial coverage of the data described.
4	2042	SpatialKeyword	spatkey	Spatial Keywords	ENUM	O	The spatial keywords provide the capability of selecting place names to be used as search parameters, usually as an alternative to specifying latitudes and longitudes (which may not apply in some disciplines). For example, 'Tropical Region', 'Atlantic Ocean'.
4	2061	SpatialKeywords	spatkeys	Spatial Keywords	compound	X	Information on spatial keywords.
4	2043	SpatialKeywordsThesaurus	spkeythe	Spatial Keywords Thesaurus	ENUM	O	Reference to the thesaurus used for the spatial keywords.

Tag Type	Tag Value	Name	SUTRS Tag	Short Meaning	Value Syntax	Valid Source	Meaning
4	3400	SpatialReference	spatref	Spatial Reference	compound	X	The description of the reference frame for coordinates for the item descriptor.
4	4115	SpatialResolution	spatres	Spatial Resolution	ENUM	O	The minimum distance between two adjacent geographic points.
4	2072	StartDate	begdate	Start Date	TIME	X	Start date of the temporal coverage.
4	2027	State	state	State/Province	STRING	X	The state or province of the address.
4	1031	StorageMedium	storemed	Storage Medium	ENUM	O	Type of medium on which the data is currently stored.
4	2025	StreetAddress	streetad	Street Address	STRING	X	The street of the address.
4	4116	StructureAttributeId	strattid	Structure Attribute Identifier	INTEGER	X	Uniquely identifies a Structure attribute within the attribute set in which the Structure attribute is defined.
4	4117	SWPackagePointer	swpacpnt	Software Package Pointer	STRING	X	Pointer to where the software package related to a product collection can be retrieved.
4	2032	TelephoneNumber	phonenum	Telephone Number	STRING	X	The telephone number by which individuals can speak to the organisation or individual.
4	2062	TemporalCoverage	temporal	Temporal Coverage	compound	X	Time coverage for the data content.
4	2045	TemporalKeyword	tempkey	Temporal Keyword	ENUM	O	The name of a time period covered by a collection. For example, 'Summer'.
4	3131	TemporalKeywords	tempkeys	Temporal Keywords	compound	X	Information on temporal keywords.
4	3132	TemporalKeywordsThesaurus	tempkeyt	Temporal Keywords Thesaurus	ENUM	O	Reference to the thesaurus used for the temporal keywords.
4	4118	TemporalPeriod	timeinfo	Temporal Period	compound	X	Period definition for the data content.
4	3906	TemporalRange	rngdates	Temporal Range	compound	X	Date range definition for the data content.
4	4119	TemporalResolution	tempres	Temporal Resolution	STRING	X	The temporal frequency of data sampled.
4	2002	ThemeKeyword	themekey	Theme Keyword	ENUM	O	Controlled keyword list to define the theme (e.g. discipline, topic) covered by a collection.
4	3122	ThemeKeywords	themkeys	Theme Keywords	compound	X	Information on theme keywords.
4	2036	ThemeKeywordsThesaurus	themekt	Theme Keywords Thesaurus	ENUM	O	Reference to the thesaurus used for the theme keywords.
4	4120	Track	track	Track	INTEGER	X	Track number.
4	3109	UpdateFrequency	updfreq	Maintenance and Update Frequency	STRING	X	The frequency with which changes and additions are made to the data set after the initial data set is completed.
4	4121	URLPointer	urlpoint	URL Pointer	STRING	X	Provides a pointer to information relating to the data.

Tag Type	Tag Value	Name	SUTRS Tag	Short Meaning	Value Syntax	Valid Source	Meaning
4	2005	UseConstraints	useconst	Use Constraints	STRING	X	Restrictions and legal prerequisites for using the data after access is granted. These include any access constraints applied to assure the protection of privacy or intellectual property, and any special restrictions or limitations on obtaining the data. If no constraint is imposed, the special value 'none' shall be included.
4	4122	UserDescriptor	usedescr	User Descriptor	compound	X	Information about a user.
4	4123	UserId	userid	User Identifier	STRING	X	Identifier of a user.
4	4124	VersionId	versnid	Version Identifier	STRING	X	Version identifier.
4	3466	VerticalCoordinateSystem	vertdef	Vertical Coordinate System	compound	X	The reference frame or system from which vertical distances (altitudes or depths) are measured.
4	4125	VerticalExtent	vertex	Vertical Extent	compound	X	Metadata for the vertical space covered by the item descriptor above and/or under the earth's surface.
4	2038	WestBoundingCoordinate	westbc	West Bounding Coordinate	REAL	X	Westernmost longitude covered.
4	4126	WRSGRSPass	wypass	WRS/GRS Pass	compound	X	World Reference System / Geolocation Reference System pass.
4	4127	WRSGRSScene	wrscene	WRS/GRS Scene	compound	X	World Reference System / Geolocation Reference System scene.